

## Flood Crest Occurences by One Foot Intervals: Raritan River at Manville

Latitude: 40.555

Flood Stage: 14

Period of Record: 1903-Present

Last Flood: 5/1/2014

Longitude: -74.584

Number of Floods: 125

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
14 ft to 14.99 ft	47
15 ft to 15.99 ft	21
16 ft to 16.99 ft	25
17 ft to 17.99 ft	10
18 ft to 18.99 ft	6
19 ft to 19.99 ft	7
20 ft to 20.99 ft	2
21 ft to 21.99 ft	2
22 ft to 22.99 ft	2
23 ft to 23.99 ft	1

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
24 ft to 24.99 ft	0
25 ft to 25.99 ft	0
26 ft to 26.99 ft	1
27 ft to 27.99 ft	1
28 ft to 28.99 ft	0
29 ft to 29.99 ft	0
30 ft to 30.99 ft	0
31 ft to 31.99 ft	0
32 ft to 32.99 ft	0
33 ft to 33.99 ft	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
34 ft to 34.99 ft	0
35 ft to 35.99 ft	0
36 ft to 36.99 ft	0
37 ft to 37.99 ft	0
38 ft to 38.99 ft	0
39 ft to 39.99 ft	0
40 ft to 40.99 ft	0
41 ft to 41.99 ft	0
42 ft to 42.99 ft	0
43 ft to 43.99 ft	0

Drainage Area: 490 sq mi  
Gage Datum: 20.61 ft MSL

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Data represents all historical floods.  
Raritan Basin

County of Gage: Somerset  
County of Forecast Point: Somerset

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Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
14 ft to 14.99 ft	47	37.6
15 ft to 15.99 ft	21	16.8
16 ft to 16.99 ft	25	20
17 ft to 17.99 ft	10	8
18 ft to 18.99 ft	6	4.8
19 ft to 19.99 ft	7	5.6
20 ft to 20.99 ft	2	1.6
21 ft to 21.99 ft	2	1.6
22 ft to 22.99 ft	2	1.6
23 ft to 23.99 ft	1	0.8
24 ft to 24.99 ft	0	0
25 ft to 25.99 ft	0	0
26 ft to 26.99 ft	1	0.8
27 ft to 27.99 ft	1	0.8
28 ft to 28.99 ft	0	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
29 ft to 29.99 ft	0	0
30 ft to 30.99 ft	0	0
31 ft to 31.99 ft	0	0
32 ft to 32.99 ft	0	0
33 ft to 33.99 ft	0	0
34 ft to 34.99 ft	0	0
35 ft to 35.99 ft	0	0
36 ft to 36.99 ft	0	0
37 ft to 37.99 ft	0	0
38 ft to 38.99 ft	0	0
39 ft to 39.99 ft	0	0
40 ft to 40.99 ft	0	0
41 ft to 41.99 ft	0	0
42 ft to 42.99 ft	0	0
43 ft to 43.99 ft	0	0

Drainage Area: 490 sq mi  
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Flood Crest-Height above Flood Stage	Cumulative Total Flood Occurence	Cumulative Percent of Flood Occurence	Flood Crest-Height above Flood Stage	CumulativeTotal Flood Occurence	Cumulative Percent of Flood Occurence
14 ft to 14.99 ft	125	100	29 ft to 29.99 ft	0	0
15 ft to 15.99 ft	78	62.4	30 ft to 30.99 ft	0	0
16 ft to 16.99 ft	57	45.6	31 ft to 31.99 ft	0	0
17 ft to 17.99 ft	32	25.6	32 ft to 32.99 ft	0	0
18 ft to 18.99 ft	22	17.6	33 ft to 33.99 ft	0	0
19 ft to 19.99 ft	16	12.8	34 ft to 34.99 ft	0	0
20 ft to 20.99 ft	9	7.2	35 ft to 35.99 ft	0	0
21 ft to 21.99 ft	7	5.6	36 ft to 36.99 ft	0	0
22 ft to 22.99 ft	5	4	37 ft to 37.99 ft	0	0
23 ft to 23.99 ft	3	2.4	38 ft to 38.99 ft	0	0
24 ft to 24.99 ft	2	1.6	39 ft to 39.99 ft	0	0
25 ft to 25.99 ft	2	1.6	40 ft to 40.99 ft	0	0
26 ft to 26.99 ft	2	1.6	41 ft to 41.99 ft	0	0
27 ft to 27.99 ft	1	0.8	42 ft to 42.99 ft	0	0
28 ft to 28.99 ft	0	0	43 ft to 43.99 ft	0	0